

Author Index

- Axon, S.A.
-and Klinowski, J.
Quantitative monitoring of the crystallization of zeolite ZSM-5/silicalite in non-alkaline media L9
- Ayame, A.
-and Imanishi, K.
Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73
- Balakrishnan, I., see Grobet, P.J. L21
- Baldwin, T.R.
-, Burch, R., Crabb, E.M., Squire, G.D. and Tsang, S.C.
Oxidative coupling of methane over chloride catalysts 219
- Burch, R., see Baldwin, T.R. 219
- Campbell, I., see Ekstrom, A. L29
- Conway, S.J.
-, Szanyi, J. and Lunsford, J.H.
Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149
- Crabb, E.M., see Baldwin, T.R. 219
- D'Aniello Jr., M.J., see Kim, S. 23
- D'Aniello Jr., M.J., see Kim, S. 45
- Dabbagh, H.A., see Tau, L.M. 95
- Damon, J.P., see Hamar-Thibault, S. 57
- Damyanova, S., see Spojakina, A. 163
- Davies, B.H., see Tau, L.M. 95
- Donnelly, T.J.
-and Satterfield, C.N.
Performance testing with a gas-liquid-solid system in a mechanically stirred reactor: the Fischer-Tropsch synthesis 231
- Einicke, W.-D., see Reschetilowski, W. L15
- Ekstrom, A.
-, Lapszewicz, J.A. and Campbell, I.
Origin of the low limits in the higher hydrocarbon yields in the oxidative coupling reaction of methane L29
- Fierro, J.L.G., see López Cordero, R. 197
- Foger, K.
-and Jaeger, H.
Redispersed of Pt-zeolite catalysts with chlorine 137
- Freude, D., see Reschetilowski, W. L15
- Gao Zi
-, Tang Yi and Zhu Yugin
Effect of dealumination defects on the properties of zeolite Y 83
- Gil Llambías, F.J., see López Cordero, R. 197
- Grobet, P.J.
-, Martens, J.A., Balakrishnan, I., Mertens, M. and Jacobs, P.A.
The very large pore molecular sieve VPI-5: an aluminophosphate-hydrate! L21
- Hamar-Thibault, S.
-, Koscielski, T., Damon, J.P. and Masson, J.
Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57
- Hepburn, J.S.
-, Stenger Jr., H.G. and Lyman, C.E.
Co-impregnation of rhodium into alumina honeycombs with acids and salts 107
- Huang, Y.
-, White, A., Walpole, A. and Trimm, D.L.
Control of porosity and surface area in alumina: I. Effect of preparation conditions 177
- Huang, Y., see White, A. 187
- Ilie, I., see Pop, G. L1
- Imanaka, T., see Nitta, Y. 9
- Imanishi, K., see Ayame, A. 73
- Jablonski, E.L., see Pieck, C.L. 1
- Jacobs, P.A., see Grobet, P.J. L21
- Jaeger, H., see Foger, K. 137
- Jurczyk, K.
-and Kania, W.
Base properties of modified γ -alumina 253
- Jusek, M., see Reschetilowski, W. L15
- Jusek, M., see Reschetilowski, W. L15
- Kan Xie, see Zhen Xiang Liu 207
- Kania, W., see Jurczyk, K. 253
- Kim, S.
-and D'Aniello, Jr., M.J.

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23
- Kim, S.
-and D'Aniello, Jr., M.J.
Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45
- Klinowski, J., see Axon, S.A. L9
- Klinowski, J. see Reschetilowski, W. L15
- Kojima, M., see Schwarz, S. 263
- Korf, S.J.
-, Roos, J.A., Veltman, L.J., Van Ommen, J.G. and Ross, J.R.H.
Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119
- Koscielski, T., see Hamar-Thibault, S. 57
- López Agudo, A., see López Cordero, R. 197
- López Cordero, R.
-, Gil Llambías, F.J., Palacios, J.M., Fierro, J.L.G. and López Agudo, A.
Surface changes of alumina induced by phosphoric acid impregnation 197
- Lapszewicz, J.A., see Ekstrom, A. L29
- Lindner, J., see Villa Garcia, M.A. 281
- Lunsford, J.H., see Conway, S.J. 149
- Lyman, C.E., see Hepburn, J.S. 107
- Martens, J.A., see Grobet, P.J. L21
- Masson, J., see Hamar-Thibault, S. 57
- Mertens, M., see Grobet, P.J. L21
- Musca, G., see Pop, G. L1
- Nai Juan Wu, see Zhen Xiang Liu 207
- Nitta, Y.
-, Ueno, K. and Imanaka, T.
Selective hydrogenation of $\alpha\beta$ -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9
- O'Connor, C.T., see Schwarz, S. 263
- Palacios, F.J., see López Cordero, R. 197
- Parera, J.M., see Pieck, C.L. 1
- Petrov, L., see Spojakina, A. 163
- Pieck, C.L.
-, Jablonski, E.L., Verderone, R.J. and Parera, J.M.
Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1
- Pop, E., see Pop, G. L1
- Pop, G.
-, Musca, G., Pop, E., Tomi, P., Sarau, A. and Ilie, I.
Iron complexes used for the preparation of zeolites supported iron catalysts L1
- Qi Xun Bao, see Zhen Xiang Liu 207
- Reschetilowski, W.
-, Einicke, W.-D., Jusek, M., Schöllner, R., Freude, D., Jusek, M. and Klinowski, J.
Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15
- Roos, J.A., see Korf, S.J. 119
- Ross, J.R.H., see Korf, S.J. 119
- Sachdev, A., see Villa Garcia, M.A. 281
- Sarau, A., see Pop, G. L1
- Satterfield, C.N., see Donnelly, T.J. 231
- Schöllner, R., see Reschetilowski, W. L15
- Schwank, J., see Villa Garcia, M.A. 281
- Schwarz, S.
-, Kojima, M. and O'Connor, C.T.
Effect of silicon-to-aluminum ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263
- Shang Xie Qi, see Zhen Xiang Liu 207
- Spojakina, A.
-, Damyanova, S., Petrov, L. and Vit, Z.
Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulfurization 163
- Squire, G.D., see Baldwin, T.R. 219
- Stenger Jr., H.G., see Hepburn, J.S. 107
- Szanyi, J., see Conway, S.J. 149
- Tang Yi, see Gao Zi 83
- Tau, L.M.
-, Dabbagh, H.A., Wilson, T.P. and Davies, B.H.
Fischer-Tropsch synthesis with iron catalysts: Impact of alkali or added alcohol upon catalytic activity and product selectivity 95
- Tomi, P., see Pop, G. L1
- Trimm, D.L., see White, A. 187
- Trimm, D.L., see Huang, Y. 177

- Tsang, S.C., see Baldwin, T.R. 219
- Ueno, K., see Nitta, Y. 9
- Van Ommen, J.G., see Korf, S.J. 119
- Veltman, L.J., see Korf, S.J. 119
- Verderone, R.J., see Pieck, C.L. 1
- Villa Garcia, M.A.
-, Lindner, J., Sachdev, A. and Schwank, J.
Model hydrosulfurization catalysts: solid
state synthesis and characterization of iron con-
taining molybdenum sulphide 281
- Vit, Z., see Spojakina, A. 163
- Walpole, A., see White, A. 187
- Walpole, A., see Huang, Y. 177
- White, A.
-, Walpole, A., Huang, Y. and Trimm, D.L.
Control of porosity and surface area in alumi-
na: II. Alcohol and glycol additives 187
- White, A., see Huang, Y. 177
- Wilson, T.P., see Tau, L.M. 95
- Yu Qing Li, see Zhen Xiang Liu 207
- Zhen Xiang Liu
-, Yu Qing Li, Shang Xie Qi, Kan Xie, Nai Juan
Wu and Qi Xun Bao
Segregation and chemical state of vanadium
and molybdenum in vanadium-molybdenum
oxide catalyst studied by X-ray photoelectron
spectroscopy 207
- Zhu Yugin, see Gao Zi 83

Subject Index

Acetone

- Base properties of modified γ -alumina 253

Acetophenone hydrogenation

- Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57

Acids

- Co-impregnation of rhodium into alumina honeycombs with acids and salts 107

Adsorption

- Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15

Adsorption

- Co-impregnation of rhodium into alumina honeycombs with acids and salts 107

Adsorption

- Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulphurization 163

Ageing

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23

Ageing

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Ageing

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Ageing

- Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Alcohol

- Fischer-Tropsch synthesis with iron catalysts impact of alkali or added alcohol upon catalytic activity and product selectivity 95

Alcohol

- Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187

Aldehyde hydrogenation

- Selective hydrogenation of α,β -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9

Alkaly

- Fischer-Tropsch synthesis with iron catalysts impact of alkali or added alcohol upon catalytic activity and product selectivity 95

Alkylation

- Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73

Alumina

- Control of porosity and surface area in alumina: I. Effect of preparation conditions 177

Alumina

- Base properties of modified γ -alumina 253

Alumina

- Surface changes of alumina induced by phosphoric acid impregnation 197

Aluminophosphate

- The very large pore molecular sieve VPI-5: an aluminophosphate-hydrate! L21

Ammonia synthesis

- Iron complexes used for the preparation of zeolites supported iron catalysts L1

Automotive exhaust catalysts

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Automotive exhaust catalysts

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23

Base properties

- Base properties of modified γ -alumina 253

Benzene alkylation

- Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73

Catalyst characterization (AEM, EPMA)

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23

Catalyst characterization (AEM, EPMA)

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Catalyst characterization (DTA, TGA)

- Base properties of modified γ -alumina 253

- Catalyst characterization (DTA, IR, NMR, TPD, XRD)
Effect of dealumination defects on the properties of zeolite Y 83
- Catalyst characterization (EDX, TEM)
Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57
- Catalyst characterization (EDX, TG-DTA, TPD, SEM, XRD)
Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263
- Catalyst characterization (EM)
Model hydrodesulfurization catalysts: solid state synthesis and characterization of iron containing molybdenum sulphide 281
- Catalyst characterization (EPMA)
Co-impregnation of rhodium into alumina honeycombs with acids and salts 107
- Catalyst characterization (IR)
Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulfurization 163
- Catalyst characterization (NMR)
The very large pore molecular sieve VPI-5: an aluminophosphate-hydrate! L21
- Catalyst characterization (SEM, zeta potential)
Surface changes of alumina induced by phosphoric acid impregnation 197
- Catalyst characterization (surface area)
Control of porosity and surface area in alumina: I. Effect of preparation conditions 177
- Catalyst characterization (surface area)
Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187
- Catalyst characterization (TGA, XPS)
Segregation and chemical state of vanadium and molybdenum in vanadium-molybdenum oxide catalyst studied by X-ray photoelectron spectroscopy 207
- Catalyst characterization (TGA, XRD)
Quantitative monitoring of the crystallization of zeolite ZSM-5/silicalite in non-alkaline media L9
- Catalyst characterization (TPD, XRD)
Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119
- Catalyst characterization (UV-VIS, SEM, XRD)
Iron complexes used for the preparation of zeolites supported iron catalysts L1
- Catalyst preparation (co-impregnation)
Co-impregnation of rhodium into alumina honeycombs with acids and salts 107
- Catalyst preparation (co-precipitation)
Base properties of modified γ -alumina 253
- Catalyst preparation (dealumination)
Effect of dealumination defects on the properties of zeolite Y 83
- Catalyst preparation (gel)
Quantitative monitoring of the crystallization of zeolite ZSM-5/silicalite in non-alkaline media L9
- Catalyst preparation (high-temperature chlorination)
Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73
- Catalyst preparation (hydrothermal synthesis)
Selective hydrogenation of α,β -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9
- Catalyst preparation (ion exchange)
Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15
- Catalyst preparation (iron complexes)
Iron complexes used for the preparation of zeolites supported iron catalysts L1
- Catalyst preparation (melts)
Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149
- Catalyst preparation (pore size control)
Control of porosity and surface area in alumina: I. Effect of preparation conditions 177
- Catalyst preparation (pore size control)
Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187
- Catalyst preparation (precipitation)
Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57
- Catalyst preparation (solid state synthesis)
Model hydrodesulfurization catalysts: solid state synthesis and characterization of iron containing molybdenum sulphide 281

Catalyst preparation (wet impregnation)

Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119

Catalyst preparation (wet impregnation)

Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulphurization 163

Chlorine/alumina

Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73

Chromium hydroxide deposition

Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57

Chrysotile

Selective hydrogenation of $\alpha\beta$ -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9

Cobalt-silica

Selective hydrogenation of $\alpha\beta$ -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9

Coke formation

Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Coke formation

Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulphurization 163

Coke formation

Base properties of modified γ -alumina 253

Combustion

Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Crystallization

Quantitative monitoring of the crystallization of zeolite ZSM-5/silicalite in non-alkaline media L9

Cumene cracking

Effect of dealumination defects on the properties of zeolite Y 83

Dealumination

Effect of dealumination defects on the properties of zeolite Y 83

Dealumination

Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15

Fischer-Tropsch synthesis

Performance testing with a gas-liquid-solid system in a mechanically stirred reactor: the Fischer-Tropsch synthesis 231

Fischer-Tropsch synthesis

Fischer-Tropsch synthesis with iron catalysts impact of alkali or added alcohol upon catalytic activity and product selectivity 95

Glycol

Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187

Honeycombs

Co-impregnation of rhodium into alumina honeycombs with acids and salts 107

Hydrodesulfurization

Model hydrodesulfurization catalysts: solid state synthesis and characterization of iron containing molybdenum sulphide 281

Hydrodesulphurization

Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulphurization 163

Hydrogenation

Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57

Hydrogenation

Selective hydrogenation of $\alpha\beta$ -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9

Hydrogenation

Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Iron

Fischer-Tropsch synthesis with iron catalysts impact of alkali or added alcohol upon catalytic activity and product selectivity 95

Iron

Performance testing with a gas-liquid-solid system in a mechanically stirred reactor: the Fischer-Tropsch synthesis 231

Iron

Iron complexes used for the preparation of zeolites supported iron catalysts L1

Isomerization

Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Kinetics

- Oxidative coupling of methane over chloride catalysts 219

Lewis acid

- Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73

Lithium carbonate melts

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Lithium-magnesium oxide

- Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119

Magnesium oxide

- Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119

Magnesium oxide-silicon oxide

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Manganese chloride

- Oxidative coupling of methane over chloride catalysts 219

Mesityl oxide

- Base properties of modified γ -alumina 253

Methane coupling

- Oxidative coupling of methane over chloride catalysts 219

Methane coupling

- Origin of the low limits in the higher hydrocarbon yields in the oxidative coupling reaction of methane L29

Methane coupling

- Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119

Methane dimerization

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Molecular sieve

- The very large pore molecular sieve VPI-5: an aluminophosphate-hydrate! L21

Molybdenum sulphide-iron

- Model hydrodesulfurization catalysts: solid state synthesis and characterization of iron-containing molybdenum sulphide 281

Nickel

- Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57

Nickel-molybdenum/alumina

- Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulphurization 163

Olefin oligomerization

- Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Oligomerization

- Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Oxidative coupling

- Origin of the low limits in the higher hydrocarbon yields in the oxidative coupling reaction of methane L29

Oxidative coupling

- Oxidative coupling of methane over chloride catalysts 219

Oxidative dimerization

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Performance testing

- Performance testing with a gas-liquid-solid system in a mechanically stirred reactor: the Fischer-Tropsch synthesis 231

Phosphoric acid impregnation

- Surface changes of alumina induced by phosphoric acid impregnation 197

Platinum-zeolite

- Redispersion of Pt-zeolite catalysts with chlorine 137

Platinum-palladium-rhodium/alumina

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Platinum-palladium-rhodium/alumina

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23

Platinum-rhenium/alumina

- Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Porosity

- Control of porosity and surface area in alumina: I. Effect of preparation conditions 177

Porosity

- Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187

Raney nickel

- Structure of Raney nickel catalysts modified by chromium hydroxide deposition 57

Realumination

- Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15

Redispersion

- Redispersion of Pt-zeolite catalysts with chlorine 137

Regeneration

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Regeneration

- Base properties of modified γ -alumina 253

Regeneration

- Selective regeneration of catalytic functions of Pt-Re-S/Al₂O₃-Cl during coke burning 1

Regeneration

- Redispersion of Pt-zeolite catalysts with chlorine 137

Rhodium/alumina

- Co-impregnation of rhodium into alumina honeycombs with acids and salts 107

Salts

- Co-impregnation of rhodium into alumina honeycombs with acids and salts 107

Segregation

- Segregation and chemical state of vanadium and molybdenum in vanadium-molybdenum oxide catalyst studied by X-ray photoelectron spectroscopy 207

Selectivity (C₂ hydrocarbons)

- Effect of additives on lithium doped magnesium oxide catalysts used in the oxidative coupling of methane 119

Selectivity (C₂ hydrocarbons)

- Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Selectivity (C₄ hydrocarbons)

- Effect of phosphorus on the surface state of alumina-supported nickel-molybdenum catalysts for hydrodesulfurization 163

Selectivity (distillate fuels)

- Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Selectivity (ethene)

- Oxidative coupling of methane over chloride catalysts 219

Selectivity (higher hydrocarbons)

- Origin of the low limits in the higher hydrocarbon yields in the oxidative coupling reaction of methane L29

Selectivity (hydrocarbons)

- Fischer-Tropsch synthesis with iron catalysts impact of alkali or added alcohol upon catalytic activity and product selectivity 95

Selectivity (isopropylbenzenes)

- Alkylation of benzene with 2-chloropropane on chlorine-treated alumina 73

Selectivity (unsaturated alcohols)

- Selective hydrogenation of α,β -unsaturated aldehydes on cobalt-silica catalysts obtained from cobalt chrysotile 9

Silicon-to-aluminium ratio

- Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Sintering

- Electron microscopy study of a rejuvenated vehicle-aged automotive exhaust catalyst 45

Sintering

- Analytical electron microscopy study of two vehicle-aged automotive exhaust catalysts having dissimilar activities 23

Styrene

- Base properties of modified γ -alumina 253

Surface area

- Control of porosity and surface area in alumina: I. Effect of preparation conditions 177

Surface area

- Control of porosity and surface area in alumina: II. Alcohol and glycol additives 187

Talc

Catalytic properties of lithium carbonate melts and related slurries for the oxidative dimerization of methane 149

Tiophene hydrodesulphurization

Model hydrodesulfurization catalysts: solid state synthesis and characterization of iron containing molybdenum sulphide 281

Vanadium-molybdenum oxide

Segregation and chemical state of vanadium and molybdenum in vanadium-molybdenum oxide catalyst studied by X-ray photoelectron spectroscopy 207

Zeolite

Effect of silicon-to-aluminium ratio and synthesis time on high-pressure olefin oligomerization over ZSM-5 263

Zeolites

Redispersion of Pt-zeolite catalysts with chlorine 137

Zeolites

Effect of dealumination defects on the properties of zeolite Y 83

Zeolites

Iron complexes used for the preparation of zeolites supported iron catalysts L1

Zeolites

Magic-angle-spinning nuclear magnetic resonance and adsorption studies of dealumination and realumination of zeolite ZSM-5 L15

Zeolites

The very large pore molecular sieve VPI-5: an aluminophosphate-hydrate! L21

Zeolites

Quantitative monitoring of the crystallization of zeolite ZSM-5/silicalite in non-alkaline media L9

Zeta potential

Surface changes of alumina induced by phosphoric acid impregnation 197